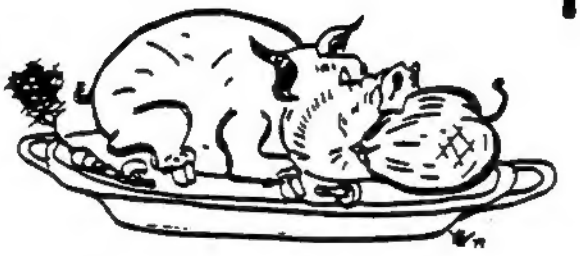

H.A.A.U.G.

HOUSTON AREA APPLE USERS GROUP

THE APPLE BARREL

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*** SINGLE COPY PRICE $1.50 ***

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VOLUME 4 NO. 6 OCT. 1981

President, Bruce Barber Vice President, Mike Kramer

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Houston Area Apple Users Group
APPLE BARREL
Box 42888 #293
Houston, Texas 77042

<<< CLUB NOTES >>>

The HOUSTON AREA APPLE USERS GROUP is an Apple II user club, not affiliated with Apple, Inc., or with any retail computer store. HAAUG is a member of the International Apple Core and supports its purposes and publications. General membership meetings are held on the second Thursday of each month in the rear chapel of Memorial Lutheran Church, 5600 Westheimer, right by the Jungman Branch Library and west of Chimney Rock. They start at 6:30 p.m. An additional meeting for access to the club software library, problem-solving, and various lectures is held the last Saturday of each month at the University of Texas School of Public Health (in the Medical Center), 6905 Bertner off Holcomb, across from Medical Center entrance #7. We meet on the main floor, first room on the left. Parking is adjacent to the building. These Saturday meetings begin at 2:00 p.m. Bring your Apple if you like!

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MEMBERSHIP INFORMATION

Dues are $18.00 per 12-month period for regular memberships, $6.00 for students through high school and where no adult member of the family is an Apple user. Please make checks payable to "Houston Area Apple Users Group," and mail to Lee E. Gilbreth, Membership Chair, 3609 Glenmeadow, Rosenberg, TX 77471. This includes a subscription to APPLE BARREL, which is published nine times a year. Newsletter exchanges with similar clubs are invited.

APPLE BARREL REPRINT POLICY

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SPECIAL INTEREST GROUPS

Members who share a common interest are encouraged to form Special Interest Groups to more fully explore their fields. Meetings may be arranged by common consent of the group and will ordinarily have one member who serves to coordinate or convene the meetings. If you would like to start a group around any given interest, please contact one of the club officers. If you would like to be in touch with others who share one of the following interests with you, please phone the coordinator.

File Cabinet VII (FC VII)

FC VII is Jim Good's latest modification of Dick Stein's version of File Cabinet (File Cabinet III). While the best feature of FC VII over FC III is its improved speed, FC VII does contain the following features:

1) Retains file structure compatibility with FC III.

2) Has approximately twice the read/write speed of FC III.

3) Allows easy exiting from any menu selection without performing any function.

4) Includes a better "Change Header" routine.

5) Runs 40, 80, and 132 column print-outs with printer status indicator in menu. (I have configured my special version of FC VII for 176 column condensed print on a Anadex 9500.)

6) Configured for SSM-AIO Card (Lines 36, 38, and 40 configure the printer for 40, 80 and 132 columns, respectively.)

7) Will indicate in the menu when a data file is larger than the working space and will load the file only to the extent of available working space.

8) Is, even with all the added features, approximately the same length of FC III.

I have attempted to find and fix all "bugs" in FC VII and since it is a 132 column version of my special condensed print version, I hope I have. However, if I have not and the users will inform me at a meeting or at 713-759-5352 (7:30 a.m. to 3:30 p.m.), of the specific problem, the entire HAAUG will benefit from the "corrective surgery". Use, experiment with, and enjoy this version of File Cabinet. A File Cabinet User. (Jim Good)

BUSINESS INTEREST GROUP MEETING

On Thursday, May 21, 1981, the Business Applications Special Interest Group met for an overview of all the data base management systems demo-strated to the Group or tested by its members over the past few months. Herewith, for the rest of the club's use, is the spread sheet compiled during that meeting which describes the capabilities and restraints of each program as understood by the consensus group. Authors of these programs may want to challange these readings (we would welcome their comments!), but baseline limitations and chart space have restricted us to these words. Our next meeting is scheduled for Thursday, 7:00 pm July 16, 1981, at EBASCO Services, 3731 Brairpark (corner Westpark). Subject will be Accounting Software Packages. Again, volunteers are requested to bring and demonstrate programs---please contact Rudge Allen, 654-4484(work)/622-3979(home). Perhaps another spread sheet can be made if we get sufficient material.

AB8106.05
Ask Dr. Apple
==========

I want to transfer some of my APPLESOFT programs on my DOS 3.3 diskettes over to my CP/M Z-80 diskettes but I just can't seem to figure a way to do it. Can you tell me how to do this seeming easy task?
(Tom Murdock)

Mr. Murdock, your problem stems from the false assumption that the program saved on your DOS 3.3 diskette is identical to what you typed into the Apple. In place of the text "PRINT" a 1 byte token is stored which means print to the interpreter. This is true for all the other APPLESOFT commands as well.

You have to make a standard text file out of your program first before you can do the transfer. To create a text file out of an APPLESOFT program you have to add the following line of code to your program:

```
0 POKE33,33 : D$=CHR$(4) : F$="PROGRAM AS TEXT" : ?D$;"OPEN";F$ : ?D$;"WRITE";F$ : LIST1, : ?D$;"CLOSE";F$ : END
```

After you have added line zero to your program RUN it. The only line which will be executed will be line zero. Your program will LIST itself to a standard DOS TEXT file named "PROGRAM AS TEXT". You can, of course, change this file name to any other name you desire.

Now that you have the program set up as a TEXT file you can boot your CP/M system. At the A) prompt enter APDOS(cr) ((cr) means press return). When APDOS starts running it will give you an * prompt just like the normal Apple monitor. To see a CATALOG of your DOS 3.3 diskette enter CAT B:(cr). To transfer the file, at the * prompt enter A:FILENAME=B:PROGRAM AS TEXT(cr). Remember that FILENAME on the CP/M system must be 8 characters or less in length. To exit APDOS enter control-C. Your program is now on your CP/M diskette in drive A:. You may not be able to run your program as it currently exists. Check your MICROSOFT BASIC manual to see what statements will have to be changed in order to run under their VER 5.0 BASIC.

THE WALL STREET JOURNAL

"OK, which one of you erased Daddy's investment portfolio program and replaced it with 'Space Invaders'?"

THIS NEWSLETTER HAS BEEN
PRINTED COURTESY OF*****

MOORE BUSINESS CENTER
1120 SMITH (BETWEEN LAMAR AND DALLAS)
HOUSTON, TEXAS 77002
PHONE: 237-9063

PRESIDENT'S REPORT

RECENTLY, ONE MEMBER OF THE CLUB REFERRED TO SOMETHING I WROTE IN AN APPLE BARREL ARTICLE ABOUT SIX MONTHS AGO. IT HAPPENED TO BE AN ARTICLE OF THE TYPE I HAD BEEN THINKING ABOUT WRITING AGAIN; THE SUBJECT BEING THE "STATE OF THE HAAUG". THEREFORE, WITH THE CONFIDENCE THAT I HAVE AN AUDIENCE OF AT LEAST ONE I CONTINUE ON.

I AM SURE THAT AT LEAST THOSE WHO COME TO THE MEETINGS REALIZE THE SIZE AND CONDITION OF OUR CLUB. WITHOUT DWELLING ON THIS ASPECT, LET ME JUST SAY THAT WE ARE VERY BIG AND HAVE MANY PEOPLE TO SERVE/SATISFY. OUR BIGGEST STUMBLING BLOCK TO SUPPLYING THE NEEDS OF OUR MEMBERS IS LACK OF MANPOWER. WE NEED MORE PEOPLE TO PARTICIPATE IN RUNNING THE ACTIVITIES OF THE CLUB IF WE ARE TO REALLY INCREASE THE SERVICES SUPPLIED BY THE CLUB. MOST PEOPLE TELL ME THE REASON THEY DO NOT PARTICIPATE IS THAT THEY ARE BEGINNERS AND DO NOT KNOW THE APPLE. THIS IS NOT A PROBLEM SINCE WHAT WE REALLY NEED ARE BUSINESS MEN AND MANAGERS AND BOOKKEEPERS AND SECRETARIES. MOST THINGS WE NEED DONE ARE NO DIFFERENT FROM WHAT THE CHURCH OR RED CROSS OR OTHER VOLUNTEER ORGANIZATION REQUIRE, SO PLEASE REMEMBER PARTICIPATE, PARTICIPATE, PARTICIPATE.

AT THIS TIME OF THE YEAR WE ALWAYS PICK OUR OFFICERS FOR THE UPCOMING YEAR. THE WAY WE GO ABOUT THIS IS BY ASKING FOR VOLUNTEERS TO CREATE A NOMINATING COMMITTEE. THIS ALWAYS TAKES PLACE IN OCTOBER. THEY REPORT THEIR FINDINGS AT THE THURSDAY MEETING IN NOVEMBER. AT THAT MEETING ANYONE ELSE WHO WISHES TO RUN FOR AN OFFICE WILL BE GIVEN THE OPPORTUNITY. WE WILL ALSO ALLOW TIME FOR ANYONE TO GIVE A CAMPAIGN SPEECH. THE ELECTION WILL BE HELD AT THE THURSDAY MEETING IN DECEMBER. (THIS IS THE CHANCE FOR EVERYONE TO PARTICIPATE IN THE FUTURE DIRECTION OF THE CLUB SO COME TO THE MEETINGS AND RUN FOR OFFICE OR AT LEAST VOTE.

SINCE I HAVE HELD TWO TERMS AS PRESIDENT, I WILL NOT BE RUNNING FOR OFFICE THIS YEAR. HOWEVER, I WILL STILL BE ACTIVE NEXT YEAR AS I HOPE WE ALL WILL.

FOR ALL OF YOU BEGINNERS WHO HAVE REQUESTED INSTRUCTION IN PROGRAMMING ON THE APPLE. I HOPE TO BE ABLE TO HELP YOU MORE WHEN I AM NO LONGER PRESIDENT. I AM TRYING TO DEVELOP A BEGINNERS PROGRAMMING COURSE WHICH WILL BE TAUGHT EARLY NEXT YEAR.

SINCE A CLUB IS ONLY AS GOOD AS THE PEOPLE WHO RUN IT, I WOULD LIKE TO TAKE THIS TIME TO THANK THE MANY GOOD PEOPLE WHO HAVE SERVED THE CLUB WITH ME. MIKE KRAMER AS VICE PRESIDENT HAS DONE A GREAT JOB GETTING LECTURERS, VENDERS AND PROJECTS AT OUR MEETING WHILE STILL FINDING TIME TO WRITE MANY ARTICLES FOR THE NEWSLETTER. RAY ESSIG AS TREASURER HAS BEEN ABLE TO KEEP US FISCALLY SOLVENT AND HAS KEPT THE MULTITUDE OF FINANCIAL TRANSACTIONS ORGANIZED. PAUL MADDOCK AS SECRETARY HAS BEEN

CONTINUED ON PAGE 5

THERE WHEN I NEEDED HIM TO STRAIGHTEN OUT PROBLEMS AND MAINTAIN CONTACTS WITH OUTSIDERS. LEE GILBRETH AS MEMBERSHIP CHAIRMAN HAS DONE AN OUTSTANDING JOB PROCESSING ALL OUR NEW MEMBERS, GIVING ORIENTATION LECTURES AND MAKING BEGINNERS KITS. RUDGE ALLEN AS CHAIRMAN OF OUR BUSINESS GROUP HAS CONSISTENTLY HELD MEETINGS WHICH WERE INFORMATIVE AND VALUABLE TO THE MEMBERS. I ALSO WANT TO THANK RUDGE FOR ALLOWING THE EXECUTIVE COMMITTEE TO HOLD MEETINGS AT HIS HOUSE. DENNIS CORNWELL HAS BEEN SOFTWARE CHAIRMAN FOR TWO YEARS. IN THAT TIME HE HAS BEEN ABLE TO MAKE SOFTWARE DISTRIBUTION INTO A SCIENCE. HE HAS REORGANIZED THE LIBRARY AND EVERY MONTH SUPPLIES PROGRAMS TO DOZENS OF MEMBERS. THANKS ALSO TO JOLLY JOHNSON WHO FOR THE PAST YEAR HAS TAKEN ON THE THANKLESS JOB OF SUPPLYING DISKETTES TO OUR MEMBERS. THANKS TO MARTY EDELSTEIN FOR THE MANY CLASSES AND LECTURES HE HAS GIVEN IN THE LAST YEAR. THANKS TO LARRY BAUMANN FOR HANDLING OUR HARDCOPY LIBRARY FOR THE LAST TWO YEARS. TO ALL THE MANY OTHERS WHO HAVE CONTRIBUTED THEIR TIME AND EFFORTS OVER THE LAST TWO YEARS I EXTEND A GRATEFUL THANK YOU. TO YOU AND THE CLUB I THANK YOU FOR YOUR SUPPORT AND WISH YOU THE BEST IN THE COMING YEAR.

BRUCE H. BARBER
PRESIDENT
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WE ARE WORKING ON ARRANGEMENTS FOR EPSON MX SERIES RIBBONS - WE SHOULD HAVE AN ANNOUNCEMENT ON PRICE AND AVAILABILITY IN THE NOVEMBER OR DECEMBER APPLE BARREL.

/The Houston Post/Sun., Oct. 25, 1981

Scientists develop bugs which gobble computer programs

By ROBERT C. COWEN
Christian Science Monitor

"A Novel of Terror in the Computer Age," read the card announcing Theodore Roszak's forthcoming book *Bugs*. It envisions an "infestation of voracious bugs throughout the world's computer systems. Soon modern society, totally dependent on the technology of computers, grinds to a halt."

This bit of fiction had a disturbing ring of verisimilitude.

Computers now are essential for defense, finance, much manufacturing and delivery of a variety of services. Computer bugs — electronic, not biological — are an all-too-frequent menace that can paralyze whole systems.

AND TO SHOW THAT reality anticipates science fiction, Jon Hupp and John Shoch at the Xerox Research Center in Palo Alto, Calif., have developed an aggressively invasive computer program that does essentially what Roszak has in mind. They call it "WORM." It worms its way into other computers interlinked on a network, replicates itself, and destroys any programs they were running.

At the laboratory, the two computer scientists had access to a network of 100 small computers linked by a system called Ethernet, which Digital Equipment, Intel, and Xerox Corporations have fostered. Hupp and Shoch explained last winter that they left their WORM program running on a few of these computers overnight. By morning, it had invaded dozens of other machines, putting them out of action.

IF ONE OF THESE machines were restarted, it would soon be invaded by WORM again. Every invaded computer on a network must be cleared and reprogrammed to get rid of the menace.

Hupp and Shoch do have other programs to control their wily WORM. One of these, called WORM-Watcher, can monitor WORM's progress as well as restrict its action or purge it from the network. Also, WORM will work only with Ethernet and the particular kind of computers the researchers were using. There is little danger of this WORM somehow escaping and bringing Roszak's novel to life.

NEVERTHELESS, IT DOES have ominous overtones. Much of the work done on computers is actually performed with machines that are parts of networks — airline ticketing banking, or even the dispatch of this story from the computer on which it is written to newspapers where it is edited and set in type. Programs such as WORM that can wander through these networks may find wide application for good or evil.

Hupp and Shoch foresee such useful tasks as searching out information lost in a complex computer network and returning it to the inquirer. Or the peripatetic program might seek out unsuspected faults in a network. But it also could be used for spying and other mischief.

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****
* AppleWriter Utilities *
****

Larry Freeman, of the Apple Bay Area Computer Users Society user group, has written, and is making available thruogh the club, The GREAT APPLEWRITER INTERFACE, a set of programs that:

1. Convert Integer BASIC and Applesoft programs into a format that can be read by Apple Writer or inserted into Apple Writer files.
2. Take BASIC programs out of Apple Writer files.
3. Convert machine language (monitor) dumps and disassemblies into Apple Writer files.
4. Allow you to write EXEC files or other files with Apple Writer.
5. Convert any text file, including Visi-Calc output files, into Apple Writer files.

These are public domain programs, and therefore can be copied or given away as much as you like. If you have use for any or all of these programs, write to Larry Danielson at the following address for more information, and please include a self-addressed stamped enveloped. The cost of a disk with all of the above programs will cost approximately $7.50 including postage (I'm not sure of that price; write for price.)
Send the SASE to:

Larry Danielson, club treasurer
The ABACUS
5302 Camino Alta Mira
Castro Valley, Ca 94546
re:DOM #29

and ask about The Great Apple Writer Interface, DOM (disk of the month) number 29. If you have more questions, send them to my Source mailbox.

Greg <<<>>> CL0575

(Don't confuse Larry Freeman, the author, and Larry Danielson, the club treasurer.)

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Rashid Aidun - 358-8917

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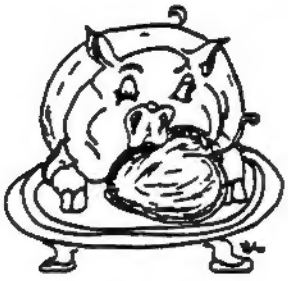

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